CENTRAL INTELLIGENCE 'AGENCY

REPOR

INFORMATION REPORT

CONFIDENTIAL

DATE DISTR.

7 October 1948

SUBJECT Atomic Research at Niederwartha Power Station

NO. OF PAGES 1

PLACE ACQUIRE

NO. OF ENCLS. (LISTED BELOW)

50X1-HUM

DATE **OF** ACQUIRE

STATE

SUPPLEMENT TO

REPORT

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT 50 U.S.C..31 AND 32. AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED. HOWEVER. INFORMATION CONTAINED IN BODY OF THE FORM MAY BE UTILIZED AS DEEMED NECESSARY BY THE RECEIVING AGENCY.

THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
USE OF TRAINED INTELLIGENCE ANALYSTS

50X1-HUM

- 1. The Niederwartha Power Station is controlled by KTB 21 (a section of Koch and Sterzel), which is under the charge of Soviet Major Barsky. He is not an outstanding scientist, and his experiments connected with atomic research 50X1-HUM are said to be out of date
- 2. Ober. Ing. Rudolf Brey, who is employed by Koch und Sterzel, has agreed to work at Niederwartha. He will not be in sole charge, but will act as scientific adviser. Though not a specialist in the field, he is engaged in atomic research. He is a mathematician, but lacks electronics knowledge.
- 3. Niederwartha is a high tension transformer station. The turbines of the former hydro-power station have been dismantled, and in the large turbine hall a 23-meter high rectifier for 500,000 volts DC has been erected. As of late May 1948, the scaffolding has been removed from around the rectifier, but trials have not yet started.
- 4. An "Ionic" tube, 8 meters long for 300,000 volts, is to be used. No trials had taken place up to the beginning of April 1948. A further "Ionic" tube of approximately 10 meters is being developed, but existed only on the drawing board as of late May 1948.
- 5. There has been mention of a cyclotron at Niederwartha, but as yet it has not been possible to confirm or deny this.

Comment:	Soviet knowledge in atomic research is two years behind German developments in 1945.	50X1-HUM
		50X1-HUM

NO CHANGE to Table ()

[7] DECLASSIA 2

Class. CEAN ENG Ph. 3

IMA H B. A Apr W

Decument Mo

50X1-HUM

CLASSIFICATION SHOPES /CONTROL-US

Auth: DDA

CONTROL-US OFFICIALS
DISTRIBUTION

Auth: DDA

Date: _______

Sanitized Copy Approved for Release 2011/02/08 : CIA-RDP82-00457R001900400007-4